ELSEVIER

Neuroscience Letters 286 (2000) 221–223

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 286

Volume 286, no. 1

Guidelines for the submission of manuscripts v

Brain oestradiol and testosterone levels in Alzheimer's disease
S.J. Twist, G.A. Taylor, A. Weddell, D.R. Weightman, J.A. Edwardson, C.M. Morris (UK) 1

Isovolumetric regulation of rat glial cells during development and correction of hypo-osmolality
J.W. Lohr, L. Yohe (USA) 5

Relative electroencephalographic desynchronization and synchronization in humans to emotional film content: an analysis of the 4–6, 6–8, 8–10 and 10–12 Hz frequency bands
C.M. Krause, V. Viemerö, A. Rosenqvist, L. Sillanmäki, T. Åström (Finland) 9

Prenatal and postnatal exposure to ethanol induces changes in the shape of the dendritic spines from hippocampal CA1 pyramidal neurons of the rat
L. Tarelo-Acuña, E. Olvera-Cortés, I. González-Burgos (Mexico) 13

An anterograde degeneration study of the distribution of regenerating rat myelinated fibers in the silicone chamber model
L.H. Alzate, J.J. Sutachan, H. Hurtado (Colombia) 17

Spatial learning affects immature granule cell survival in adult rat dentate gyrus
P. Ambrogini, R. Cuppini, C. Cuppini, S. Ciaroni, T. Cecchini, P. Ferri, S. Sartini, P. Del Grande (Italy) 21

The taurine uptake inhibitor guanidinoethyl sulphonate is an agonist at γ-aminobutyric $acid_A$ receptors in cultured murine cerebellar granule cells
J.R. Mellor, M.J. Gunthorpe, A.D. Randall (UK) 25

Identification of the primary auditory field in archival human brain tissue via immunocytochemistry of parvalbumin
H. Nakahara, S. Yamada, T. Mizutani, S. Murayama (Japan) 29

Adenosine triphosphate-induced heterologous desensitization of endothelin-1- and glutamate-evoked calcium increases in cultured rat cortical astrocytes
Y.-J. Cho, S.Y. Lee, Y.-S. Kim, E.-J. Lee, M.-S. Seo, G. Yeon, K.-H. Lee, K.J. Lee, Y.-H. Jo, H.K. Rha (South Korea) 33

Potentiation of morphine and clomipramine analgesia by cholecystokinin -B antagonist CI-988 in diabetic rats
M.A. Coudoré-Civiale, C. Courteix, M. Boucher, M. Méen, J. Fialip, A. Eschalier, D. Ardid (France) 37

Increased immunoreactive labeling of the spinal *N*-methyl-D-aspartate R1 receptors after dorsal root ganglionectomy in the rats
S.-H. Tseng, S.-M. Chen, S.-M. Lin, D.-C. Huang (Taiwan) 41

Effect of adenosine on adenosine triphosphate-sensitive potassium channel during hypoxia in rat hippocampal neurons
H.Q. Shan, J.S. Cheng (People's Republic of China) 45

The dynamics of human isometric pointing movements under varying accuracy requirements
M. Billon, R.J. Bootsma, D. Mottet (France) 49

Activation of pre- and postsynaptic protein kinase C during tetraethylammonium-induced long-term potentiation in the CA1 field of the hippocampus
G.M.J. Ramakers, P. Pasinelli, M. van Beest, A. van der Slot, W.-H. Gispen, P.N.E. De Graan (The Netherlands) 53

Dorsal-ventral differentiation of short-term synaptic plasticity in rat CA1 hippocampal region
C. Papatheodoropoulos, G. Kostopoulos (Greece) 57

Role of the vestibular system in sudden shutdown of renal sympathetic nerve activity during microgravity in rats
N. Fujiki, M. Hagiike, K. Tanaka, Y. Tsuchiya, T. Miyahara, H. Morita (Japan) 61

Do brain oscillations of different frequencies indicate interaction between cortical areas in humans?
G. Pfurtscheller, C. Neuper, K. Pichler-Zalaudek, G. Edlinger, F.H. Lopes da Silva (Austria, The Netherlands) 66

Degeneration process of Lewy bodies in the brains of patients with dementia with Lewy bodies using α-synuclein-immunohistochemistry
E. Iseki, W. Marui, H. Akiyama, K. Uéda, K. Kosaka (Japan) 69

Volume 286, no. 2

Ca^{2+} signaling in gerbil CA3 hippocampal neurons following transient in vivo ischemia
C.W.R. Shuttleworth, A.C. Greenwood, J.A. Connor (USA) 75

Prepulse inhibition of the blink reflex by laser stimuli in normal humans
J. Valls-Solé, M. Veciana, J. Serra, G. Cruccu, A. Romaniello (Spain, Italy) 79

Rapid recovery (20 ms) of human 600 Hz electroencephalographic wavelets after double stimulation of sensory nerves
B.-M. Mackert, S. Weisenbach, G. Nolte, G. Curio (Germany) 83
Vitamin E deficiency has different effects on brain and liver phospholipid hydroperoxide glutathione peroxidase activities in the rat
J.-M. Bourre, O. Dumont, M. Clément, L. Dinh, M.-T. Droy-Lefaix, Y. Christen (France) 87
Role of frontal cortex in memory for duration: an event-related potential study in humans
V. Monfort, V. Pouthas, R. Ragot (France) 91
Spinal CSF from rats with painful peripheral neuropathy evokes catecholamine release from chromaffin cells in vitro
I.D. Hentall, J. Sagen (USA) 95
Appearance of tau-2 immunoreactivity in glial cells in human brain with cerebral infarction
T. Uchihara, K. Tsuchiya, A. Nakamura, K. Ikeda (Japan) 99
Co-existence of calcium-binding proteins in neurons of the medullary dorsal horn of the rat
Y.-Q. Li, S.-X. Wu, J.-L. Li, J.-S. Li, T. Kaneko, N. Mizuno (China, Japan) 103
Effects of estrogen on the expression of connexin32 and connexin43 mRNAs in the suprachiasmatic nucleus of female rats
K. Shinohara, T. Funabashi, D. Mitushima, F. Kimura (Japan) 107
γ-Aminobutyric acid enhancement of halothane binding in rat cerebellum
M.F. Eckenhoff, R.G. Eckenhoff (USA) 111
Brain dynamics in theta and alpha frequency bands and working memory performance in humans
C.J. Stam (The Netherlands) 115
Dopamine inhibits melatonin release in the mammalian retina: in vitro evidence
G. Tosini, J.C. Dirden (USA) 119
The role of tachykinin NK-1 receptors in the area postrema of ferrets in emesis
H. Ariumi, R. Saito, S. Nago, M. Hyakusoku, Y. Takano, H.-o. Kamiya (Japan) 123
Upper cervical afferents to the motor trigeminal nucleus and the subnucleus oralis of the spinal trigeminal nucleus in the rat: an anterograde and retrograde tracing study
G. Xiong, M. Matsushita (Japan) 127
Inhibition of monkey brain semicarbazide-sensitive amine oxidase by various antidepressants
T. Obata, Y. Yamanaka (Japan) 131
Inactivation of α7 ACh receptors and activation of non-α7 ACh receptors both contribute to long term potentiation induction in the hippocampal CA1 region
S. Fujii, Z. Ji, K. Sumikawa (USA) 134
Daily changes of cytochrome oxidase activity within the suprachiasmatic nucleus of the Syrian hamster
A. Ximenes da Silva, G. Gendrot, J. Servière, M. Lavialle (France, Brazil) 139
First report of polymorphisms in the prion-like protein gene (*PRND*): implications for human prion diseases
K. Peoc'h, C. Guérin, J.-P. Brandel, J.-M. Launay, J.-L. Laplanche (France) 144
Calpain-mediated degradation of PSD-95 in developing and adult rat brain
X. Lu, Y. Rong, M. Baudry (USA) 149

Volume 286, no. 3

Protective effects of huperzine A on β-amyloid$_{25-35}$ induced oxidative injury in rat pheochromocytoma cells
X.Q. Xiao, R. Wang, Y.F. Han, X.C. Tang (China) 155
Autonomic dysreflexia increases plasma adrenaline level in the chronic spinal cord-injured rat
S. Leman, F.V. Bernet, H. Sequeira (France) 159
Influence of lipid peroxidation on the nicotinic acetylcholine receptors in PC12 cells
Z.-Z. Guan, X. Zhang, A. Nordberg (Sweden) 163
Circadian expression of Period 1, Period 2, and Arylalkylamine *N*-acetyltransferase mRNA in the rat pineal gland under different light conditions
C. Fukuhara, J.C. Dirden, G. Tosini (USA) 167
Decrease in the nucleo-cytoplasmic volume ratio of rabbit spinal ganglion neurons with age
M. Ledda, L. Barni, L. Altieri, E. Pannese (Italy) 171
Changes in ventral medullary light reflectance during hypercapnia in awake and sleeping cats
C.A. Richard, D. Rector, P. Macey, R.M. Harper (USA) 175
Protective effect of etomidate on kainic acid-induced neurotoxicity in rat hippocampus
J.-H. Lee, D. Kim, H.-N. Hong, S.-M. Han, J.-U. Kim (South Korea) 179
Zinc increases the excitability of dopaminergic neurons in rat substantia nigra
J.-M. Chung, S.-Y. Chang, Y.-I. Kim, H.-C. Shin (South Korea) 183
Development of externally guided grip force modulation in man
R. Blank, W. Heizer, H. von Voss (Germany) 187
Redox modulation of large conductance calcium-activated potassium channels in CA1 pyramidal neurons from adult rat hippocampus
L.-W. Gong, T.M. Gao, H. Huang, Z. Tong (China) 191

Immunohistochemical cell types in the terminal nerve ganglion of the cloudy dogfish, *Scyliorhinus torazame*, with special regard to neuropeptide Y/FMRFamide-immunoreactive cells
A. Chiba (Japan) 195

Loss of the muscle silent period evoked by transcranial magnetic stimulation of the motor cortex in patients with cervical cord lesions
T. Shimizu, T. Hino, T. Komori, S. Hirai (Japan) 199

The expanded CAG repeat associated with juvenile Huntington disease shows a common origin of most or all neurons and glia in human cerebrum
P. Kahlem, P. Djian (France) 203

Intracerebroventricular infusion of nerve growth factor induces pain-like response in rats
J.-X. Hao, T. Ebendal, X.-J. Xu, Z. Wiesenfeld-Hallin, M. Eriksdotter Jönhagen (Sweden) 208

No evidence of linkage to 6p markers in Spanish families with juvenile myoclonic epilepsy
V. Obach, S. Arroyo, J. Santamaria, D. Grinberg, R. Oliva (Spain) 213

Author Index to Volume 286 218
Contents to Volume 286 221